

Change in the Mutagenic Effect of Ethylene Imine
Under the Influence of Cell Metabolites, by
Ye. M. Protopova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 464-467,
CB

Feb 70

401,418

Recombination Between Sister Chromatids in Mitosis
and Between Sister Molecules of Mitochondrial DNA
in Vivo, by N. N. Sokolov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 468-470.

CB

Feb 70

401,419

Reversible Change in the Absorption Spectra and
Fluorescence of Adsorbates of Magnesium Phthalocyanine
and Chlorophyll, by V. F. Gachkovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 471-473.

CB

Mar 70

403,948

Detection of Specific Individual Proteins of the
Rat Brain, by Z. S. Gershenovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 474-476.
CB

Mar 70

405,949

Antitumoral Activity of Polymer Compounds, by
O. V. Zubova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 477-480.
CB

Mar 70

405,950

The Neurohypophysis and Thyroid Gland of
Acipenserids in Water of Varying Salinity, by
I. V. Yakovleva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 481-485.

CE

Feb 70

401,458

Role of Cerebral Neurons in Regulation of the
Circadian Rhythm of Behavior of the Cricket , by
A. G. Azaryan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 2,
May 1969, pp 484-487.

CB

Feb 70

401,442

Branching of Periodic Solutions of Differential-
Difference Equations, by P. G. Ayzengendler.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 495-498.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,878

Representation Spaces for a K-Functor with Coefficients,
by V. M. Buhstaber.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 499-502.

The Am Math Soc

Vol 10, No 3, May-June 1969

Nov 69

396,879

Lie Subgroups of the Lorentz Group with a Finite
Group of Components, by A. N. Golubjatnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 503-505.

The Am Math Soc

Vol 10, No 3, May-June 1969

Nov 69

396,880

On the Index of Families of Pseudodifferential
Operators on Manifolds with a Boundary, by A. S. Dynin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 506-508.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,881

Precomplete Classers in K-Valued Logics, by
Ye. Ju. Zaharova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 509-512.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,882

Symmetry and Nonlinear Tensor Functions in
Minkowski Space, by V. V. Lohin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 513-515.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,883

An a Priori Estimate for the Principal Radii of
Curvature of a Closed Convex Hypersurface in Terms of
Their Mean Values, by A. V. Pogorelov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 516-518.

The Am Math Soc

Vol 10, N o 3, 1969

Nov 69

396,884

Central Limit Theorem for Anosov Flows on Three-Dimensional Manifolds, by M. Ye. Ratner.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3, 1969, pp 519-521.

The Am Math Soc

Vol 10, No 3, May-June 1969

Nov 69

396,885

Investigation of the Behavior of Temljakov Integrals
by the Method of Linear Homogeneous Differential
Operators of First Order, by A. T. Ilvostov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 522-525.
Vol 10, No 3, May-June 1969
The Am Math Soc

Nov 69

396,886

On the Bulgakov Problem of the Accumulation of
Perturbations, by V. V. Aleksandrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 526-528.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

SPRS 18587

An Iteration Procedure for Calculating the
Characteristic Criterion of a Periodic Limiting
Motion of a Machine Unit, by I. I. Artobolevskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 529-532.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

398,918

Natural Oscillations and Flutter for Cylindrical
Sandwich Shells in a Supersonic Gas Flow, by

A. I. Smirnov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 533-536.

The Am Inst of Phys

Vol 14, No 5, Nov 1969

Jan 69

398,905

A Method of Solution of the Spatially Homogeneous
Boltzmann Equation, by G. K. Shapovalov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 537-540.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

398,906

Integration of a System of Equations of Elastic
Equilibrium of a Plate, by I. N. Vekua.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 541-544.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

398,942

Energy and Intensity in the Multiple Back-
Scattering of Beta Particles from Nuclei of
Various Elements, by L. M. Boyarshinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 545-548.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

398,927

Experimental Test of the Chain Model for the
Scattering of Ions by Crystals, by I. N. Yevdokimov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 549-552.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

398,928

Dissipative, Trapped-Particle Instability in a
Dense Plasma, by B. B. Kadomtsev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 553-556.

The Am Inst of Phys

Vol 14, No 5, Nov 1969

Jan 69

398,929

Generation of Stimulated Radiation in a
Dispersive Cavity, by B. L. Livshits.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 557-559.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

398,930

Observable Effects in Relativistic Tensor
Gravitation Theories in Flat Space, by O. N. Nayda.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 560-564.
The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

208 001

The Problem of Measuring the Quantity of a Medium in
a Closed Volume, by B. N. Petrov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 564-567.

The Am Inst of Phys
Vol 14, No 5, Nov 1969

Jan 69

398,932

Study of Diffusion of Na^{22} and Ag^{110} on a Mica Surface, and the Criterion for the Validity of the Asymptotic Solutions to the Surface Diffusion Problem, By V. I. Solunskiy.

RUSSIAN, per, Dok Ak Nauk SSSr, Vol 186, No 3, May 1969, pp 568-570.

The Am Inst of Phys

Vol 14, No 5, Nov 1969

Jan 69

398,938

Microstructure of the Longitudinal Wave Travel-
Time Curve, by L. P. Vinnik.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 571-574.
AGI

July 70

Pi2-Pulsations, Aurora Oval and Plasma
Density in the Magnetosphere, by
V. A. Troitskaya, Ya. I. Fel'dshteyn.
RUSSIAN, per, Dok AN SSSR, Vol 186,
No 3, 1969, pp 575-577.
NAS/GSFC/ST-GM-AA-10848-69

AGI

Sci-Atmos Sci
July 69

385,721

Field Structure of a Tropical Hurricane, by
V. V. Shuleykin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 578-581.
AGI

July 70

Study of the Mechanism of Cationic Polymerization on the
Model Reaction of Methylal with Ethylal, by
V. V. Ivanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 625-627.
CB

Jan 70

401,176

The Composition and Structure of Samarium Carbide,
by G. M. Kyshtobaeva,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 628-630.
CB

Jan 70

401,177

Selection of a Kinetic for Copolymerization Based on
Analysis of Compositional Heterogeneity, by
V. A. Nyagchenkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 631-633.

CB

Jan 70

401,178

The Reaction of Sodium Amalgam With
Metal Halides in Non-Polar Organic
Solvents, by V. P. Gladyshev
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 186, No 3, May 1969,
pp 634-636.
CB

Nov 70

Study of the Process of Migration of
Double Bonds Under the Influence of
Ionic-Type Catalysts, by
Ye. N. Kropacheva
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 186, No 3, May 1969,
pp 637-639.
CB

Nov 70

Thermodynamic Calculation of the Reduction of Glauberite by Carbon, by
V. I. Ksenzenko
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 186, No 3, May 1969,
pp 640-642.
CB

Nov 70

Kinetics of Reaction Between Metallic
Iron and Germanium-Containing Silicate
Melts, by I. N. Tanutrov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 186, No 3, May 1969,
pp 643-644.
CB

Nov 70

A Method for Finding the Stage of Evolution of
Local Structures, by I. G. Baranov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 645-646.
AGI

July 70

Sarmatian Lithology of the Sivash Region, by
L. S. Belokrys.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 647-649.
AGI

July 70

A Paleopalynologic Description of the Key Upper
Cretaceous Section in the Nayba River Basin,
Southern Sakhalin, by V. S. Budrin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 650-652.
AGI

July 70

A Find of Problematic Hieroglyphs (Bioglyphs)
in Shokshinskiy Quartzite in the Southwest Onega
Region, by D. I. Gartar.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 653-655.

AGI

July 70

Albian-Cenomanian Boundary of the Southwestern
Spurs of the Gissar Range, by
Kh. Kh. Mirkamalov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 656-658.
AGI

July 70

The Origin of Eclogite, by O. M. Rozen.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 659-662.
AGI

July 70

Importance of Water in Cordierite in Natural
Minerogenesis, by G. G. Lepezin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 663-666.
AGI

July 70

The Replacement of Yttrotitanite by Betafite,
by Ye. Ya. Marchenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 667-669.
AGI

July 70

Microhardness of Magnetite and Titanomagnetite
from the Urals, by V. G. Fominykh,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 670-672.
AGI

July 70

New Data on the Sapphirine Associations of the
Aldan Shield, by A. I. Chekirda.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 673-676.
AGI

July 70

Two Generations of Inclusions of Molten Matter
in Rock-Forming Minerals of Odinite, by
T. Yu. Bazarova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 677-678.
AGI

July 70

Thermoluminescence of Rocks from a Kazakhstan
Rare-Metal Deposit, as Related to its Epigenetic
Mineralization, by A. P. Gulyayev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 679-681.
AGI

July 70

Origin of the Gneissosity in the Pangaz Dzhilga
Quartz Diorite Pluton, Eastern Pamirs, and the
Mechanism of its Evolution, by R. M. Slobodskoy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 682-685.
AGI

July 70

Geochemistry of Rare Elements in Siberian
Platform Traps as Related to the Genesis of
Copper-Nickel Deposits, by A. I. Al'mukhamedov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 686-689.
AGI

July 70

Melting of Rocks of the Calcalkalic Series at
High Pressures and Temperatures at PH_2O and heat
(Picrite, Olivine Basalt, Tholeiite and
Andesite-Basalt), by Yu. S. Genshaft.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 690-693.
AGI

July 70

Special Inclusions in the Endings of the
Neurosecretory Fibers of the Posterior Hypophyseal
Lobe in White Mice, by M. A. Belen'kiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 695-696.
CB

Feb 70

401,425

Capillary Subendothelial Spaces, by A. A. Voytkovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 697-700.
CB

Feb 70

401,426

Histochemical Detection of Leucine Aminopeptidase
Activity in Connective-Tissue Cellular Elements
During Inflammation, by L. L. Shimkevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 701-703.
CB

Feb 70

401,427

A Dynamic Model of a Chromosome, by A. N. Mosolov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 704-706.
CB

Feb 70

401,420

Karyotype Mutations in Twin Forms of the Welsh
Onion, by V. D. Turkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 707-708.

CB

Feb 70

401,421

Deleterious Action of 6-Azauridine on Reproduction
of Cytomegalovirus of Man, by S. A. Demidova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
May 1969, pp 709-710,
CB

Feb 70

401,851

Effect of Adenosine Triphosphate on Motion of
Cytoplasm in Plant Cells Subjected to Ultraviolet
Radiation, by S. V. Tageyev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 711-713.
CB

Feb 70

401,234

Quinones as a Possible Active Form of Polyphenol
Growth Inhibitors, by D. I. Stom.

RUSSIAN, per, Dok Ak Nauk SSSR, Botan Sci,
Vol 186, No 3, May 1969, pp 714-716.

CB

Jan 71

Sorus Formation and Spore Differentiation in
Ustilago maydis (DC.) Cda, by I. V. Karatygin.
RUSSIAN, per, Dok Ak Nauk SSSR, Botan Sci,
Vol 186, No 3, May 1969, pp 717-719.
CB

Jan 71

Analysis of Embryogeny of Certain Adenophorea
(Nematoda), by Ye. M. Drozdovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
May 1969, pp 720-723.
CB

Feb 70

401,852

Autoradiographic Investigation on DNA Synthesis in
Axolatl Limbs During Recovery of Regenerative
Power Supressed by X Irradiation, by

S. Ya. Tuchkova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,

May 1969, pp 724-727.

CB

Feb 70

401,439

Presynaptic and Postsynaptic Early Negative
Reactions of the Cerebral Cortex, by K. M. Kullanda.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 728-731.
CB

Feb 70

401,443

Relationship Between Sodium Resorption and
Magnesium Secretion in the Salmon Kidney, by
Yu. V. Matovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
May 1969, pp 732-735.
CB

Feb 70

401,444

Nonselfadjoint Operators Depending Rationally on a
Spectral Parameter, by Dz. Ye. Allahveridzev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 743-746.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,887

Distribution of Points of Maximum Deviation in the
Chebyshev Approximation of Continuous Functions, by
V. G. Verdyev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 747-749.

The Am Math Soc

Vol 10, No 3, May-June 1969

Nov 69

396,888

Numerical Integration of Certain Systems in the
Theory of Nonlinear Oscillations, by M. K. Gavurin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 750-752.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,889

Distribution of Eigenvalues of Selfadjoint Ordinary
Differential Operators, by M. G. Gasymov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 753-756.

The Am Math Soc

Vol 10, No 3, May-June 1969

Nov 69

396,890

Existence of Periodic Motions and of Motions of
Special Type for Hamiltonian Systems with a Small
Parameter, by V. I. Derguzov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 757-760.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,891

Systems of Second-Order Parial Differential Equations
of Composite Type with One Twofold Family of Real
Characteristics, by A. Dzurayev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 761-764.

The Am Math Soc

Vol 10, No 3, May-June 1969

Nov 69

396,892

On the Maximal Resolvability of Products of
Topological Spaces, by A. G. Yel'kin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 765-768.

The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,893

On the Singular Problem of Nicoletti, by
I. T. Kiguradze.
RUSSIAN, per, DokAk Nauk SSSR, Vol 186, No 4,
1969, pp 769-772.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,894

Resonance Theorems for Series and Sequences of
Functions, by Ye. M. Nikisin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 773-775.

The Am Math Soc

Vol 10, No 3, May-June 1969

Nov 69

396,895

Stationary Processes on Topological Semifields, by
T. A. Sarymsakov,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 776-778.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,896

Indecomposability of the Transitive Subgroups of the
Group $SF(X)$, by D. A. Suprunenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 779-780.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,897

Eigenfunctions of a Polyharmonic Operator, by
I. A. Sismarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 781-782.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,898

A Contribution to the Theory of Branching Systems, by
B. N. Petrov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 783-786.

The Am Inst of Phys
Vol 14, No 6, Dec 1969

Handwritten: 0412-1-1014
7

The Integration of Equilibrium Equations of a
Cylindrical Shell, by I. N. Vekua,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 787-790.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,211

The Theory of the Shape of Rotating Planets in
Hydrostatic Equilibrium, by V. N. Zharkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 791-794.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,179

Variational Method for Solving a Wave-Propagation
Boundary-Value Problem, by V. I. Koroza.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 795-798.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,183

Theory of a Regenerative Option, by Ye. I. Adirovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 799-802.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,187

A Nonequilibrium Statistical Operator in the Kinetics
of Irreversible Processes with Small Energy Transfer,
by V. P. Kalashnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 803-806.

The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,188

Electron Microscope Study of Artificial Polycrystalline
Diamonds, Ballas, and Carbonado, by Yu. V. Malov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 807-808.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,189

Tolman's Problem in a Centrally Symmetric Reference
System, by K. P. Stanyukovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 809-811.

The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,190

Preliminary Displacement on Elastic Contact Between
Solids, by N. B. Denkin,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 812-813.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,207

Heat Output of Hydrothermal Systems and Active
Volcanoes, by G. N. Kovalev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
1969, pp 814-816.
AGI

July 70

Experimental Investigation of the Enthalpy of the
Chemically Reacting System $\text{N}_2\text{O}_4 \rightleftharpoons 2\text{NO}_2 \rightleftharpoons 2\text{NO} + \text{O}_2$,
by A. Ye. Sheynklin,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 817-819.
The Ann Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,182

The Crystalline Structure of Ramsayite $\text{Na}_2\text{Ti}_2\text{Si}_2\text{O}_9 =$
 $\text{Na}_2\text{Ti}_2\text{O}_3(\text{Si}_2\text{O}_6)$, by M. A. Simonov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 820-823.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,180

Influence of Substituents on the Parameters of the
Y-Resonance Spectra in Octahedral Complexes of Iron
(II) with Nitrogen-Containing Ligands, by
A. V. Ablov,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 850-853.
CB

Feb 70

401,257

Intramolecular Mobility and Hydrophobic Interactions
in Solutions of Macromolecules, by Ye. V. Anufriyeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 854-856.
CB

Feb 70

401,238

Use of Thin-Layer Chromatography to Determine the
Composition Homogeneity of Copolymers, by
B. G. Belen'kiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 857-859.
CB

Feb 70

401,239

Use of Passage Effects for the Separation of
Paramagnetic Centers, by L. S. Lyubchenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 860-862.
CB

Feb 70

401,240

Uses of Thermal Radiation to Study the Kinetics of
Physicochemical Processes Occuring on Solid Surfaces,
by N. G. Mansvetov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 863-866.
CB

Feb 70

401,241

Calculation of the Energy Matrix for a Complex of
Impurity Paramagnetic Ions in a Crystal, by
F. I. Muftakhova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 867-869.

CB

EFEB 70

401,242

Use of Infrared Spectroscopy for Studying the Change
in the Nature of the Bond in the $\text{SO}_2/4$ -Ion of the
Radioactive Sulfates of Some Group I and II Elements,
by V. I. Spitsyn.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 870-874.

CB

Feb 70

401,243

Theory of the Heats of Formation of Isovalent
Solid Solutions Including the Contribution of Energy
From Short-Range Forces, by V. S. Urusov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 874-877.
CB

Feb 70

401,244

Change in the Influence of Substituents on the
Characteristic Frequencies in the Infrared Spectra
When the Length of the Conjugated System is Increased,
by I. N. Yukhnovskiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 878-881.
CB

Feb 70

401,245

New Polymorphic Modification of Arsenic Telluride,
Produced at High Pressures, by V. G. Yakushev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 882-884.
CB

Feb 70

401,246